

ENGINEERING CHANGE NOTICE
DART AEROSPACE LTD

Date: 19.02.20	Job No.: RB18-AIRBUS	ADR Yes/No: N	ADR Date:	ECN #: 19- 601
Product No.: DART TOOLING EUROCOPTER		Created By: VM	Approved By: <i>W</i>	
Product Name: MRH DAMPER SETTING TOOL		Checked By:		

Reason for Change:
CUSTOMER ISSUE

Documents Released:

RBEM622V4008101 REV D

IF APPLICABLE: NCR: _____ PAR: _____ CAR: _____ CIR: _____ URF: _____

PAPERWORK UPDATE ☐

PARTS MUST COMPLY ☒

PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance / Customer Support Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Airbus	N			
3	Notify Leonardo	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	N			
7	Update Document Record (DR)	N			
8	Update Product Compatibility Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10		N			

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	N			
12	Update Product Specification Files (Bluefiles)	N			
13	Update Approved/Preliminary Dwg PDF Files	Y	MD		<i>md 19.02.20</i>
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	MD		<i>md 19.02.20</i>
17	Update / Verify Authorized Release Certificate Database	Y	N		<i>md 19.02.20</i>
18	Create / Update Change Record Form / Item Card Database	Y	MD		<i>md 19.02.20</i>
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	N			
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	N			
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:

STOCK OF RBEM622V4008101 REV 3 MUST BE REWORK PER DETAIL UNDER ;
STOCK OF ITEM - 11 MUST BE SCRAP AND RE-DO AS PER REV D
STOCK OF ITEM - 5 MUST BE RE-WORK
RELEASE RBEM622V4008101 REV D DRAWING
PLACE RBEM622V4008101 REV 3 IN SUPERCEED FOLDER

ECN Verified & Complete: _____ Date: _____

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/>	DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> </div> <div> Eng. (Non-AW) <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Water Jet <input type="checkbox"/> Supplier <input type="checkbox"/> Quality <input type="checkbox"/> </div> </div>			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause <div style="display: flex; flex-direction: column; align-items: flex-start;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Presservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div>		FAULT CATEGORY <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Crushing <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Mislabeled </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Incomplete/Unclear Instructions <input type="checkbox"/> Drill Holes <input type="checkbox"/> Fit/Function </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain Direction <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set/Set-up </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Outside Tolerance <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Misread </div> </div>			
Other/Details:					

Linda Lacelle

From: Linda Lacelle
Sent: Wednesday, February 20, 2019 10:17 AM
To: Patrick Duval; John Chuprun; Nancy Decosse
Subject: FW: Dart 175 MRH Damper setting tool. (UNCLASSIFIED)
Attachments: RBEM622V4008101-RevD.pdf

Pls scrap container (and physical parts) of **RBEM622V4008101-11** per ECN19-601

Nancy – svp enlever les mrcx du stock et les donner a John ou Pat D

From: Michael Lee <mlee1@dartaero.com>
Sent: Wednesday, February 20, 2019 10:10 AM
To: Support Eugene <support.or@dartaero.com>; Jean-Luc Menard <jmenard@dartaero.com>; Linda Lacelle <llacelle@dartaero.com>; Jason Leroux <jleroux@dartaero.com>; Konrad Sauve <ksauve@dartaero.com>; David Duval <dduval@dartaero.com>; Daniel Paquette <dpaquette@dartaero.com>
Cc: Vanessa Morel <vmorel@dartaero.com>
Subject: RE: Dart 175 MRH Damper setting tool. (UNCLASSIFIED)

Hey Guys,

Thank you Vanessa for getting this released very quickly !

JLM & Konrad; if possible can you please get the -5 and -11 into production ASAP.

The stock -5 can be reworked and the -11 are scrap.

Please let us know if you have any questions.

Mike

From: Support Eugene <support.or@dartaero.com>
Sent: Wednesday, February 20, 2019 10:07 AM
To: Michael Lee <mlee1@dartaero.com>; Ashley Beecraft <abeecraft@dartaero.com>; Jean-Luc Menard <jmenard@dartaero.com>; Linda Lacelle <llacelle@dartaero.com>; Jason Leroux <jleroux@dartaero.com>; Konrad Sauve <ksauve@dartaero.com>
Cc: Support Eugene <support.or@dartaero.com>; Vanessa Morel <vmorel@dartaero.com>; Ross Black <rblack@dartaero.com>; Scott Simpson